

ANTIMICROBIAL AND ANTICANCER LIPOPEPTIDES

ABSTRACT OF THE DISCLOSURE

~~The invention provides lipophilic~~ Lipophilic conjugates ~~comprising~~ comprise a peptide coupled to a fatty acid~~[[,]]-the~~ The peptide ~~comprising~~ comprises at least two positively charged amino acid residues~~[[,]]-said~~; the peptide after conjugation to the fatty acid possessing antibacterial, antifungal, and/or anticancer activity higher than prior to conjugation. The lipophilic conjugates are suitable for treatment of infections caused by pathogenic organisms such as bacteria and fungi. The lipophilic conjugates are also suitable for sanitation, as disinfectants, or for food preservation.